

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 06/30/2008, OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

**Title of Invention** Improved Investment Casting Mold and Method of Manufacture

As the below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or  
 Application No. 10/750,425, filed on December 30, 2003  
 as amended on \_\_\_\_\_ (if applicable);

I/we declare that the above application is the continuation of \_\_\_\_\_, serial number \_\_\_\_\_, filed \_\_\_\_\_, for \_\_\_\_\_, which is the subject matter I/we desire to prosecute and obtain a patent thereon.

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

#### FULL NAME OF INVENTOR(S)

Inventor one: John Vandermeer

Signature: John Vandermeer Citizen of: USA

Inventor two: Kermit A. Buntrock

Signature: \_\_\_\_\_ Citizen of: USA

Inventor three: Thomas M. Branscomb

Signature: \_\_\_\_\_ Citizen of: USA

Inventor four: Arlen G. Davis

Signature: \_\_\_\_\_ Citizen of: USA

Additional inventors or a legal representative are being named on \_\_\_\_\_ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 127 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY  
THIS PAGE BLANK (USPTO)



POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS

Application Number: 10/750,425  
 Filing Date: December 30, 2003  
 First Named Inventor: Vandermeer et al.  
 Title: Improved Investment Casting Mold and Method of Manufacture  
 Art Unit: Unassigned  
 Examiner: Unassigned  
 Attorney Docket No.: BUN 8601.CP

As below named inventor(s), I/we hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

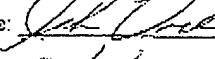
JOHN A. PARRISH	Reg. No. 31,918
MARIA P. TUNGOL	Reg. No. 31,720
C.WARREN IVY	Reg. No. 43,375

SEND CORRESPONDENCE TO: JOHN A. PARRISH  
 Law Offices of John A. Parrish  
 Two Bala Plaza  
 Suite 300  
 Bala Cynwyd, PA 19004

DIRECT TELEPHONE CALLS TO:  
 JOHN A. PARRISH: 610-617-8960

**FULL NAME OF INVENTOR(S)**

Inventor One: John Vandermeer

Signature:  Citizen of: USA

Date 7/6/04

Inventor Two: Kermit A. Buntrock

Signature: \_\_\_\_\_ Citizen of: USA

Date \_\_\_\_\_

Inventor Three: Thomas M. Branscomb

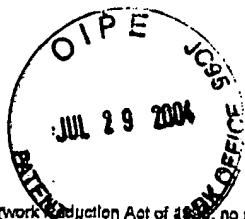
Signature: \_\_\_\_\_ Citizen of: USA

Date \_\_\_\_\_

Inventor Four: Arlen G. Davis

Signature: \_\_\_\_\_ Citizen of: USA

Date \_\_\_\_\_



PTO/SB/01A (00-03)

Approved for use through 06/30/2008, OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of Invention** Improved Investment Casting Mold and Method of Manufacture

As the below named inventor(s), I/we declare that:

This declaration is directed to:

The attached application, or  
 Application No. 10/750,425, filed on December 30, 2003  
 as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

**FULL NAME OF INVENTOR(S)**

Inventor one: John Vandermeer

Signature: \_\_\_\_\_ Citizen of: USA

Inventor two: Kermit A. Buntrock

Signature: Kermit A. Buntrock Citizen of: USA

Inventor three: Thomas M. Branscomb

Signature: \_\_\_\_\_ Citizen of: USA

Inventor four: Arlen G. Davis

Signature: \_\_\_\_\_ Citizen of: USA

Additional inventors or a legal representative are being named on \_\_\_\_\_ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

From:

07/09/2004 18:05 #062 P.003



**POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS**

Application Number: 10/750,425  
Filing Date: December 30, 2003  
First Named Inventor: Vandermeer et al.  
Title: Improved Investment Casting Mold and Method of Manufacture  
Art Unit: Unassigned  
Examiner: Unassigned  
Attorney Docket No.: BLN 8601.CP

As below named inventor(s), I/we hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

JOHN A. PARRISH	Reg. No. 31,918
MARIA P. TUNGOL	Reg. No. 31,720
C.WARREN IVY	Reg. No. 49,375

SEND CORRESPONDENCE TO: JOHN A. PARRISH  
Law Offices of John A. Parrish  
Two Bala Plaza  
Suite 300  
Bala Cynwyd, PA 19004

DIRECT TELEPHONE CALLS TO:  
JOHN A. PARRISH: 610-617-8960

**FULL NAME OF INVENTOR(S)**

Inventor One: John Vandermeer

Signature: \_\_\_\_\_ Citizen of: USA

Date: \_\_\_\_\_

Inventor Two: Kermit A. Buntrock

Signature: *K. A. Buntrock* Citizen of: USA

Date: 7-9-04

Inventor Three: Thomas M. Branscomb

Signature: \_\_\_\_\_ Citizen of: USA

Date: \_\_\_\_\_

Inventor Four: Arlen G. Davis

Signature: \_\_\_\_\_ Citizen of: USA

Date: \_\_\_\_\_

From:

07/12/2004 17:07 #084 P.003

Jul 12 04 12:26P

Tom Branscomb at Buntrock

503 258 0726

P.3



PTO/0B/01A (05-05)

Approved for use through 06/30/2006. OMB 0851-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Improved Investment Casting Mold and Method of Manufacture
As the below named inventor(s), I/we declare that:	
This declaration is directed to:	
<input type="checkbox"/> The attached application, or	
<input checked="" type="checkbox"/> Application No. <u>10/750,425</u> , filed on <u>December 30, 2003</u> ,	
<input type="checkbox"/> as amended on _____ (if applicable);	
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;	
I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;	
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.	
All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.	

#### FULL NAME OF INVENTOR(S)

Inventor one: John Vandermeer

Signature: \_\_\_\_\_ Citizen of: USA

Inventor two: Kermit A. Buntrock

Signature: \_\_\_\_\_ Citizen of: USA

Inventor three: Thomas M. Branscomb

Signature: Thomas M. Branscomb Citizen of: USA

Inventor four: Arlen G. Davis

Signature: Arlen G. Davis Citizen of: USA

Additional inventors or a legal representative are being named on \_\_\_\_\_ additional form(s) attached hereto

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, US Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**BEST AVAILABLE COPY**

From:

07/12/2004 17:09 #084 P.004

Jul 12 04 12:27p

Tom Branscomb at Buntrock 503 258 0726

p.4



POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS

Application Number: 10/750,425

Filing Date: December 30, 2003

First Named Inventor: Vandermeer et al.

Title: Improved Investment Casting Mold and Method of Manufacture

Art Unit: Unassigned

Examiner: Unassigned

Attorney Docket No.: BUN 6601.CP

As below named inventor(s), I/we hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

JOHN A. PARRISH	Reg. No. 31,918
MARIA P. TUNGOL	Reg. No. 31,720
CWARREN IVY	Reg. No. 43,375

SEND CORRESPONDENCE TO: JOHN A. PARRISH  
Law Offices of John A. Parrish  
Two Bala Plaza  
Suite 300  
Bala Cynwyd, PA 19004

DIRECT TELEPHONE CALLS TO:  
JOHN A. PARRISH: 610-617-8960

**FULL NAME OF INVENTOR(S)**

Inventor One: John Vandermeer

Inventor Two: Kermit A. Buntrock

Signature: \_\_\_\_\_ Citizen of: USA

Signature: \_\_\_\_\_ Citizen of: USA

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor Three: Thomas M. Branscomb

Inventor Four: Arlen C. Davis

Signature: Thomas M. Branscomb Citizen of: USA

Signature: Arlen C. Davis Citizen of: USA

Date: 7/12/04

Date: 7/12/04

**BEST AVAILABLE COPY**